

E-QUID: QUESTION / *Musculoskeletal imaging*

Asymptomatic and incidentally discovered calcification of the gluteal region



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A 78-year-old man underwent CT examination of the chest, abdomen and pelvis to assess the spread of squamous cell carcinomas located on the arm and face with lymph node involvement. The patient was asymptomatic and the results of laboratory tests were normal. We noted an incidental finding of bilateral ossification at the superficial aponeurosis of the gluteal muscles. There was no prior imaging examination to allow us to date these abnormalities. The patient had no prior history of trauma (*Figs. 1–3*).

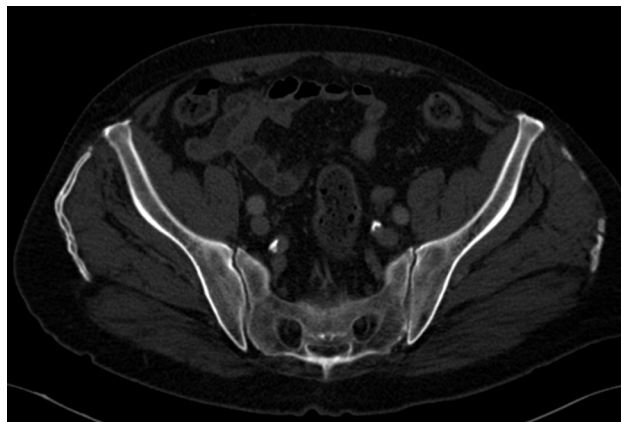


Figure 1. Axial CT of the iliac crests.

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Figure 2. Scout-view CT of the abdomen and pelvis.



Figure 3. 3D reconstruction of the pelvis.

What is your diagnosis?

On reading the case study, which diagnosis would you choose from among the following suggestions:

- calcific tendinitis caused by hydroxyapatite deposits;
- myositis ossificans circumscripta (MOC);
- calcific myonecrosis;
- tumoral calcinosis;
- osteosarcoma of the soft tissue;
- bilateral pelvic ribs.

Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.